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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/667,550	09/22/2000	Takahisa Kawade	35.G2650	1263

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EXAMINER

BALI, VIKKRAM

ART UNIT PAPER NUMBER

2623

DATE MAILED: 02/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/667,550

Applicant(s)

KAWADE, TAKAHISA

Examiner

Vikkram Bali

Art Unit

2623

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1 and 3-28 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1 and 3-28 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 103*

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kawamura et al (US 5821997) in view of Ito et al (US 6453071).

With respect to claim 1, Kawamura discloses the input means for inputting images, compression encoding the input images, recording the compression encoded images and decoding the compression encoded images and displaying the decoded images (see figure 1, and col. 2, lines 39-48, col. 3, lines 12-15 and figure 2B) as claimed. However, he fails to disclose the selectively displaying the input image data and the compressed encoded image data as claimed. Ito teaches selectively displaying the input image data and the compressed encoded image data, (see col. 17, lines 2-6, also, figure 22, numerical 68 there is an adder that means the images could easily be added or obviously be subtracted as required, as claimed in claims 12, 19, 21 and 26) as claimed.

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It would be obvious to one ordinary skilled in the art at the time of invention to incorporate the selection of the display as the control figure 1 numerical 5 can easily be programmed to do so. This modification provides a user-friendly option to see what has been recorded by the apparatus.

With respect to claim 2 and 3, it is well known in the art of display to display the images selectively or simultaneously. Therefore, it would be obvious to one ordinary skilled in the art at the time of invention to modify the system in order to have the image data compress and coded in order to display the image either selectively or simultaneously, as it is conventionally been done.

With respect to claim 4, Ito further teaches the decoding of compression encoded image data previously recorded, (see figure 18 numerical 62 expanding i.e. decoding the data which is transmitted as compressed encoded data from the 201) as claimed.

With respect to claims 5, 8-11, Kawamura further discloses the coding means ... selectively using one of a plurality of the types, coding means has a plurality of image quality modes, input means comprises image pickup means, and the input image is still image data, (see col. 2, lines 66 through col. 3, line 6 states that the switch in the multi compression mode i.e. more than one type of compression, the compression is in compression ration i.e. the image quality; and col. 1, lines 17-20 for the camera and the still images taken by the camera as image pickup means, and col. 3, liens 12-15 for the

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output to the display, the decoded image data display in response to the instruction means) as claimed.

With respect to claims 6 and 7, it is well known in the art of compression to have JPEG and MPEG compression modes. Therefore, it would be obvious to one ordinary skilled in the art at the time of invention to modify the system in order to have the image data compress using any one of the known compression methods i.e. JPEG or MPEG, as it is conventionally been done.

Claims 12-28 are rejected for the same reasons as set forth in the rejection of claims 1-11 because claims 12-28 are claiming subject matter similar to or combination of the claimed subject matter in claims 1-11.

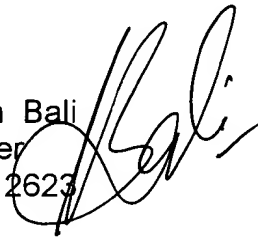
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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vikkram Bali whose telephone number is 703.305.4510. The examiner can normally be reached on 7:30 AM - 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Amelia Au can be reached on 703.308.6604. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703.306.0377.

Vikkram Bali  
Examiner  
Art Unit 2623

A handwritten signature in black ink, appearing to read 'V. Bali', is written over the printed name and title of the examiner.

vb